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**United States
Department of
Agriculture**

**Agricultural
Marketing
Service**

**Volume 14 Index
January—December
1986**

Plant Variety Protection Office Official Journal



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PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Agricultural Marketing Service
U.S. Department of Agriculture
National Agricultural Library Bldg., Rm. 500
Beltsville, Maryland 20705

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and is being examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
ALFALFA			
8500006	GT-13R Plus	(2)	Nickerson American Plant Breeders, Inc.
8500019	Dart		Nickerson American Plant Breeders, Inc.
8500020	Arrow		Nickerson American Plant Breeders, Inc.
8500165	Salute	(2)	United AgriSeeds, Inc.
BARLEY			
8000083	Onda	(3)	Wilbur-Ellis Co.
8400076	Birka	(3)	W. Weibull AB, Sweden
8500216	WestBred Barcott	(*)	Western Plant Breeders, Inc.
8500219	Poco II		Wilbur-Ellis Company - Desert Division
8600007	Heavyweight	(3)	Plant Breeders 1, Inc.
8600081	B1202	(3)	Busch Agricultural Resources, Inc.
8600082	B1201	(3)	Busch Agricultural Resources, Inc.
8600083	B1601	(3)	Busch Agricultural Resources, Inc.
8600084	B1602	(3)	Busch Agricultural Resources, Inc.
8600112	Corniche	(3)	Busch Agricultural Resources, Inc.
8600113	Camargue	(3)	Hurst Gunson Cooper Taber Ltd., U.K.
8700021	Semira	(3)	Hurst Gunson Cooper Taber Ltd., U.K.
BASIL			
8600139	Purple Ruffles		Svalof AB
BEAN, FIELD			
8500104	Agri-I		W. Atlee Burpee Company
8500139	<XP-B178>		Agri Sales, Inc. and Gentec, Inc.
8500149	<RS 101>	(2)	Asgrow Seed Company
8600052	Venture		Ronald D. and Leta L. Seacat
8600053	Sunkist		Gallatin Valley Seed Co.

(*) To be sold by variety name only as a class of certified seed. A number within parentheses indicates the number of generations of certified seed permitted beyond breeder's seed.
< > Identifies temporary designations.

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BEAN, FIELD			
8600088	Beryl		Rogers Brothers Seed Company
8600089	Felspar		Rogers Brothers Seed Company
8600090	Topaz		Rogers Brothers Seed Company
8600155	<T8202/XP-B155>		Asgrow Seed Company
8600159	Isabella	(2)	Michigan State University, Agricultural Experiment Station
BEAN, GARDEN			
8300097	Expressway		Ferry-Morse Seed Company
8400037	Mikado		UF Genetics, Inc.
8400147	Shamrock		Rogers Brothers Seed Company
8500036	Savor		Harris Moran Seed Company
8500079	EZ Harvest		NPI AgService
8500080	EZ Pick		NPI AgService
8500093	<81-WM-173-1>		Rogers Brothers Seed Company
8500094	Blazer		Rogers Brothers Seed Company
8500095	<81-WM-170-4>		Rogers Brothers Seed Company
8500135	Tess		Asgrow Seed Company
8500136	Volare		Asgrow Seed Company
8500137	Laureat		Asgrow Seed Company
8600049	Earlserve		Musser Seed Co.
8600050	Landmark		Musser Seed Co.
8600051	Slenderwax		Musser Seed Co.
8600094	<XP-B186>		Asgrow Seed Company
8600095	Bronco		Asgrow Seed Company
8600096	<XP-B167>		Asgrow Seed Company
8600097	<XP-B169>		Asgrow Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
BEAN, GARDEN			
8600098	Sentry		Asgrow Seed Company
8600099	Podsquid		Asgrow Seed Company
8600127	Hystyle		Harris Moran Seed Company
8600160	Sprout		Asgrow Seed Company
8700024	Stiletto		Ferry-Morse Seed Company
8700025	Blue Knight		Ferry-Morse Seed Company
BEAN, GARDEN SHELL			
8500138	Buttergreen		Asgrow Seed Company
BEAN, MUNG			
8300062	AZ-1		University Patents, Inc.
8400051	Mungking I		King Grain U.S.A., Inc.
BENTGRASS, CREEPING		(1)	
8700030	Pennlinks		Pennsylvania Agricultural Experiment Station
BERMUDAGRASS			
8500002	Lancaster		Max W. Lancaster
BLUEGRASS, KENTUCKY			
8600151	Aspen		Northrup King Co.
8600156	Trenton		Northrup King Co.
8600165	Alene	(2)	Idaho Agricultural Experiment Station
BLUEGRASS, ROUGH			
8600118	Colt		Pure-Seed Testing, Inc.
CAULIFLOWER			
8600115	<Type 604>		Rijk Zwaan Zaadteelt en Zaadhandel B.V., Holland
8600116	<Nr. 632>		Rijk Zwaan Zaadteelt en Zaadhandel B.V., Holland
8700004	Blue Diamond		Harris Moran Seed Company
CHRYSANTHEMUM		(*)	
8600076	Santana		Dr. E. Sahin, The Netherlands

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
CLOVER, BERSEEM			
8500017	Bigbee		Mississippi Agricultural and Forestry Experiment Station and USDA, ARS
CLOVER, RED			
8100069	Flare		Nickerson American Plant Breeders, Inc.
8100070	Redland II		Nickerson American Plant Breeders, Inc.
CLOVER, WHITE			
8200120	Aran		Germinall Holdings Ltd., N. Ireland
8300147	Ross		Germinall Holdings Ltd., N. Ireland
CORN, FIELD			
8500153	LH150		Holden's Foundation Seeds, Inc.
8600128	LH54		Holden's Foundation Seeds, Inc.
8600129	LH57		Holden's Foundation Seeds, Inc.
8600130	PHG84		Pioneer Hi-Bred International, Inc.
8600131	PHG47		Pioneer Hi-Bred International, Inc.
8600132	PHZ51		Pioneer Hi-Bred International, Inc.
8600133	PHJ40		Pioneer Hi-Bred International, Inc.
8600134	PHG72		Pioneer Hi-Bred International, Inc.
8700017	PHR36		Pioneer Hi-Bred International, Inc.
8700018	PHW17		Pioneer Hi-Bred International, Inc.
8700020	LH52		Pioneer Hi-Bred International, Inc.
8700031	<Lp5>		Holden's Foundation Seeds, Inc.
8700036	764		Claeys-Luck
COTTON			
8600161	Delcot 344	(3)	Northrup King Co.
8600164	Tamcot CD3H		The Curators, University of Missouri
8700005	GSC 27		Texas Agricultural Experiment Station
8700006	GSC 71+		GroAgri Seed Company
			GroAgri Seed Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
COMPEA			
8500073	Mississippi Shipper	(3)	Mississippi Agricultural and Forestry Experiment Station
8700014	<Pinkeye Pink Pod>		Chester Brogden and Charles E. Smith
CUCUMBER			
8600149	Picklebush		W. Atlee Burpee Company
FESCUE, CHEWINGS			
8700003	Victory		Pickseed West, Inc.
FESCUE, RED			
8700028	Barcrown	(3)	Barenbrug Holland B.V.
FESCUE, TALL			
8400004	Brookston		International Seeds, Inc.
8500150	Williamette		International Seeds, Inc.
8500183	Mojave		International Seeds, Inc.
8500184	Southland		International Seeds, Inc.
8500205	Tempo		NPI AgService
8700019	Arid		Jacklin Seed Company
LENTIL			
8400012	Jasper		Wilbur-Ellis Co., Seed Division
8400041	Vernita		Wilbur-Ellis Co., Seed Division
LETTUCE			
8500003	Desert Queen		Genecorp Technology
8500057	Buena Vista		Genecorp Technology
8500070	Seamist		Scattini Seeds, Inc.
8600035	Early Giant		Genecorp Technology
8600108	Vancrisp		Quali-Seal Seed
8600109	Fame		Asgrow Seed Company
8600144	Big Red		Genecorp Technology
8600147	Maverick		Genecorp Technology

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APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
LETTUCE			
8600150	Bounty		Petoseed Co., Inc.
8600154	Vampire		Genecorp Technology
8700002	Ramrod		Genecorp Technology
8700015	Paragon		Bruce Church, Inc.
8700023	Redprize		Ferry-Morse Seed Company
MUSKMELON			
8700013	Sunglo Casaba		Gro-Pro Enterprises, Inc.
OAT			
8300063	Porter	(3)	Purdue University Agricultural Experiment Station
8400025	Centennial	(3)	Wisconsin Agricultural Experiment Station
8400059	Coker 820	(3)	CR Seeds
8400135	833		Harpool Seed Inc.
8500053	Clark		Alfred L. Clark
8600074	Proat	(3)	Minnesota Agricultural Experiment Station
ONION			
8600072	Corona Italian Red		Mr. and Mrs. James Corona
8600148	Gala		Asgrow Seed Company
PEA			
8000002	Summit		Crites-Moscow Growers, Inc.
8600002	Victoria		Svalof AB, Sweden
8600102	Princess	(1)	Wilbur-Ellis Company, Seed Division
8700022	Blizzard		Sunseeds, A Division of Agrigenetics
PEPPER			
8500187	Alpha II		Del Monte Corporation
8700016	Viacini	(1)	Campbell Soup Company

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
RAPE			
8500114	Global	(3)	Svalof AB, Sweden
8500115	Topas	(3)	Svalof AB, Sweden
8600003	Crystal	(2)	Svalof AB, Sweden
8600004	Glacier	(2)	Svalof AB, Sweden
8600016	Viking	(3)	Daehnfeltdt, Inc.
8600037	Lindora-00	(2)	Canola, Inc.
8600063	Liradonna	(3)	Nickerson American Plant Breeders, Inc.
REED CANARYGRASS			
8500081	Palaton		Land O' Lakes, Inc.
8600060	Venture		Research Seeds, Inc.
RESCUEGRASS			
8400151	Bellegarde	(*)	Loiseau Semences, France
RICE			
8600162	CB860		Farms of Texas Company
RYEGRASS (LOLIUM X HYBRIDUM)			
8400038	Bison		International Seeds, Inc.
8600029	Polly	(1)	Daehnfeltdt, Inc.
RYEGRASS, PERENNIAL			
8300059	All-Star		International Seeds, Inc.
8700027	Barball	(3)	Barenbrug Holland B.V.
SESAME			
8500167	Sesaco 2A		Sesaco Corporation
8500168	Sesaco 3		Sesaco Corporation
8500169	Sesaco 4		Sesaco Corporation
8500170	Sesaco 7		Sesaco Corporation

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
SORGHUM			
8600012	PH227		Pioneer Hi-Bred International, Inc.
SOYBEAN			
8500147	9541		Pioneer Hi-Bred International, Inc.
8500173	J-231		Jacques Seed Company
8500207	DSR-205		Dairyland Seed Co., Inc.
8500208	DSR-255		Dairyland Seed Co., Inc.
8500209	DSR-287		Dairyland Seed Co., Inc.
8500210	DSR-297		Dairyland Seed Co., Inc.
8500211	DSR-317		Dairyland Seed Co., Inc.
8600020	A3307		Asgrow Seed Company
8600021	A2187		Asgrow Seed Company
8600034	Terra-Vig 515	(3)	Terral-Norris Seed Co., Inc.
8600106	A6785		Asgrow Seed Company
8600114	S59-19		Northrup King Co.
8600119	Spartan		Bryco, Inc.
8600120	9201		Pioneer Hi-Bred International, Inc.
8600121	9251		Pioneer Hi-Bred International, Inc.
8600122	9581		Pioneer Hi-Bred International, Inc.
8600123	9751		Pioneer Hi-Bred International, Inc.
8600125	9361		Pioneer Hi-Bred International, Inc.
8600137	Sibley	(3)	Minnesota Agricultural Experiment Station
8600138	Dassel	(3)	Minnesota Agricultural Experiment Station
8600140	A3205		Asgrow Seed Company
8600141	A3733		Asgrow Seed Company
8600145	S23-12		Northrup King Co.
8600146	B236		Northrup King Co.
8600163	<X3511>		Asgrow Seed Company
8700001	Coker 627		CR Seeds

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT	
SOYBEAN				
8700007	Sherman	(3)	Ohio Agricultural Research and Development Center, Ohio State University	
8700012	FFR 561		FFR Cooperative	
8700035	Coker 686		Coker's Pedigreed Seed Co.	
8700037	HS 302		Growmark, Inc.	
8700038	HS 321		Growmark, Inc.	
8700039	HS 348		Growmark, Inc.	
SPRUCE				
8500085	Hy-Blu	(*)	Michigan State University	
TOMATO				
8300119	Apex 1000		Ferry-Morse Seed Company	
8500064	Mystro		UF Genetics, Inc.	
8500174	<P-19>		Petoseed Co., Inc.	
8500186	<71-72>		Del Monte Corporation	
8600032	<MOX 3097>		Harris Moran Seed Company	
8600124	FM 60437		Ferry-Morse Seed Company	
8600136	Peto 111		Petoseed Co., Inc.	
8600142	<#887>		Long Shelf Life, Inc.	
8600143	<#888>		Long Shelf Life, Inc.	
8700026	Diablo		Harris Moran Seed Company	
TRITICALE				
8400144	Triti-Gold 22			Dean Bork
VERBENA, ANNUAL				
8700008	Romance Scarlet		Sluis & Groot Research	
8700009	Romance White		Sluis & Groot Research	

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
WATERMELON			
8400015	AU-Jubilant	(3)	Alabama Agricultural Experiment Station
8400016	AU-Producer	(3)	Alabama Agricultural Experiment Station
8400139	Sweet Treat		W. Atlee Burpee Company
8600104	Mickylee		Florida Agricultural Experiment Station
8600105	Minilee		Florida Agricultural Experiment Station
WHEAT, COMMON			
8300151	Arkan	(3)	Kansas Agricultural Experiment Station
8400047	<IS-8314>	(3)	Sogetal, Inc.
8400048	<IS-8322>	(3)	Sogetal, Inc.
8500007	Saluda	(*)	Virginia Agricultural Experiment Station
8500018	Kodiak Dwarf	(2)	Great Plains Crop Management, Inc.
8500027	Norseman	(3)	Nickerson American Plant Breeders, Inc.
8500028	HR 48	(3)	Nickerson American Plant Breeders, Inc.
8500052	Stouxtland	(3)	University of Nebraska & USDA/ARS
8500054	Florida 302	(3)	Florida Agricultural Experiment Station
8500062	Adder	(3)	Purdue University Agricultural Experiment Station & ARS-USDA
8500071	Bronze Chief	(2)	Great Plains Crop Management, Inc.
8500072	Brute	(2)	Great Plains Crop Management, Inc.
8500096	Adena	(2)	Ohio State University, Ohio Agricultural Research and Development Center
8500105	Norak		Rohm and Haas Seeds, Inc.
8500106	Rodeo		Rohm and Haas Seeds, Inc.
8500107	Pony		Rohm and Haas Seeds, Inc.
8500108	Leif		Rohm and Haas Seeds, Inc.
8500109	Bighorn		Rohm and Haas Seeds, Inc.
8500112	2551		Pioneer Hi-Bred International, Inc.

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INDEX TO APPLICATIONS PENDING FINAL ACTION AS OF DECEMBER 31, 1986 (Cont.)

APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
WHEAT, COMMON			
8500177	Basin	(3)	Columbia Basin Seeds
8500178	Cashup	(3)	Columbia Basin Seeds
8500180	Orion	(3)	Nickerson American Plant Breeders, Inc.
8500181	TAM 107		Texas Agricultural Experiment Station
8500182	TAM 108		Texas Agricultural Experiment Station
8500194	<5630>		AgriGenetics Research Associates Limited
8500195	<5677>		AgriGenetics Research Associates Limited
8500196	<5469>		AgriGenetics Research Associates Limited
8500197	Victory	(3)	Nickerson American Plant Breeders, Inc.
8500198	Stallion	(3)	Nickerson American Plant Breeders, Inc.
8500199	Thunderbird	(3)	Nickerson American Plant Breeders, Inc.
8500200	Hillsdale	(3)	Nickerson American Plant Breeders, Inc.
8500203	Milburn	(2)	Michigan State University
8600009	9227		Harpool Seed Inc.
8600010	9323		CR Seeds
8600025	<83501>	(1)	CR Seeds
8600038	Tammy	(3)	Sogetal, Inc.
8600080	Celtic	(3)	World Seeds, Inc.
8600103	Geneva	(1)	Nickerson American Plant Breeders, Inc.
8600126	775		Cornell University Agricultural Experiment Station
8600152	Becker	(2)	Northrup King Co.
8600153	GR 855	(2)	Ohio Agricultural Research and Development Center
8600157	Carson	(3)	The Ohio State University Research Foundation
8700010	2154		Colorado State University
8700011	2555		Pioneer Hi-Bred International, Inc.
8700029	2385		Pioneer Hi-Bred International, Inc.
8700032	Lincoln	(3)	Pioneer Hi-Bred International, Inc.
			Nickerson American Plant Breeders, Inc.

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APPL. NO.	VARIETY	GEN. (*)	NAME OF APPLICANT
WHEAT, COMMON			
8700033	Twain	(3)	Nickerson American Plant Breeders, Inc.
8700034	Trailblazer	(3)	Nickerson American Plant Breeders, Inc.
WHEAT, DURUM			
8500217	WestBred Turbo	(*)	Western Plant Breeders, Inc.
8500218	WestBred Laker	(*)	Western Plant Breeders, Inc.
ZINNIA			
8600158	Pinwheel Rose		W. Atlee Burpee Company

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INDEX TO CERTIFICATES ISSUED IN 1986

Certificates of plant variety protection have been issued for the varieties listed below. All rights to which the certificate owner is entitled shall be in force until further notice in the Official Journal. Seed of the varieties listed here may be labeled "Unauthorized Propagation Prohibited - U.S. Protected Variety."

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
ALFALFA				
8100066	Expo		01/31/86	Nickerson American Plant Breeders, Inc.
8200037	Thunder		02/28/86	Nickerson American Plant Breeders, Inc.
8400034	Endure		08/31/86	Nickerson American Plant Breeders, Inc.
8400119	Wrangler	(2)	04/30/86	Nebraska Agricultural Experiment Station & A.R.S., USDA
8400155	Hasawi +	(2)	05/30/86	Forage Seeds International
8500032	WL 320	(*)	05/30/86	W-L Research, Inc.
8500078	Mohawk		09/30/86	Cornell University Agricultural Experiment Station
8500188	Sapphire		04/30/86	Nickerson American Plant Breeders, Inc.
8500189	Diamond		11/28/86	Nickerson American Plant Breeders, Inc.
8600011	Oneida VR	(2)	12/31/86	Cornell University Agricultural Experiment Station

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
ALFALFA				
8600041	WL 516	(*)	04/30/86	W-L Research, Inc.
8600042	WL 605	(*)	04/30/86	W-L Research, Inc.
8600065	5444		07/31/86	Pioneer Hi-Bred International, Inc.
BARLEY				
8200155	Lindy	(3)	02/28/86	Nickerson American Plant Breeders, Inc.
8200157	Teton	(3)	02/28/86	Nickerson American Plant Breeders, Inc.
8300110	560		04/30/86	Northrup King Co.
8500061	Spirit	(3)	12/31/86	D.J. van der Have B.V.
BEAN, FIELD				
8300041	Opal		03/31/86	Rogers Brothers Seed Company
8300118	Ivory		04/30/86	Rogers Brothers Seed Co.
8400006	Midland		06/30/86	Asgrow Seed Company

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
BEAN, FIELD				
8400007	Northland		05/30/86	Asgrow Seed Company
8400008	Westland		12/31/86	Asgrow Seed Company
8400028	Sapphire		04/30/86	Rogers Brothers Seed Company
8500063	Pulsar	(3)	05/30/86	Wilbur-Ellis Co., Seed Division
8500164	Lassen	(3)	01/31/86	Sacramento Valley Milling, Inc.
8600075	Crestwood	(2)	11/28/86	Gentec, Inc.
BEAN, GARDEN				
8300047	Slingym		02/28/86	Gallatin Valley Seed Co.
8300048	Benton		02/28/86	Gallatin Valley Seed Co.
8300067	Labrador		05/30/86	Asgrow Seed Company
8300095	Sundial		05/30/86	Ferry-Morse Seed Company
8300096	Beeline		08/31/86	Ferry-Morse Seed Company

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
BEAN, GARDEN				
8300098	Caesar		05/30/86	Ferry-Morse Seed Company
8300121	Milano		07/31/86	Ferry-Morse Seed Company
8400067	Surfing	(3)	09/30/86	Mitsui Toatsu Chemicals, Inc., Japan
8400068	Surfing F	(3)	07/31/86	Mitsui Toatsu Chemicals, Inc., Japan
8400090	Tornado		09/30/86	Ferry-Morse Seed Company
8400091	Miriad		08/31/86	Ferry-Morse Seed Company
8400108	Bounty		10/31/86	Ferry-Morse Seed Company
8400109	Toga		08/31/86	Ferry-Morse Seed Company
8400132	Evergreen		12/31/86	van Waveren-Pflanzenzucht GmbH
8400133	Accord		12/31/86	van Waveren-Pflanzenzucht GmbH
8400134	Amity		12/31/86	van Waveren-Pflanzenzucht GmbH

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
BEAN, GARDEN				
8500026	Javelin	08/31/86		Ferry-Morse Seed Company
8500068	Tanta	04/30/86		Wilbur-Ellis Co., Seed Division
BEEF, SUGAR				
8300086	NK-152	05/30/86		Hokkaido National Agricultural Experiment Station, Japan
BLUEGRASS, KENTUCKY				
8500016	Classic	02/28/86		Jacklin Seed Company
8500082	Challenger	01/31/86		Pure-Seed Testing, Inc.
8500113	Able I	03/31/86		Pure-Seed Testing, Inc.
8500212	Julia	01/31/86		Van Engelen Zaden B.V.
CAULIFLOWER				
8500151	SG 111	03/31/86		Sluis & Groot Research
8500215	Silver Stream	11/28/86		Rijk Zwaan Zaadteelt en Zaadhandel B.V.
8600069	White Satin	11/28/86		Sluis & Groot Research

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD				
8400110	SX-5-11		02/28/86	The Standard Oil Company
8400111	SX-4-21		10/31/86	The Standard Oil Company
8400112	SX-6-7		10/31/86	The Standard Oil Company
8400113	SX-6-10		10/31/86	The Standard Oil Company
8400114	SX-5-6		10/31/86	The Standard Oil Company
8400115	SX-4-5		10/31/86	The Standard Oil Company
8400116	SX-4-4		10/31/86	The Standard Oil Company
8400117	SX-4-2		02/28/86	The Standard Oil Company
8400118	SX-6-3		10/31/86	The Standard Oil Company
8400157	PHG71		01/31/86	Pioneer Hi-Bred International, Inc.
8500038	LH93		03/31/86	Holden's Foundation Seeds, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD				
8500045	SX-5-9-1-2		10/31/86	The Standard Oil Company
8500046	SX-5-13-3		03/31/86	The Standard Oil Company
8500047	SX-4-33-4-2		03/31/86	The Standard Oil Company
8500048	SX-4-16-2		03/31/86	The Standard Oil Company
8500049	SX-4-32-1		03/31/86	The Standard Oil Company
8500050	SX-6-15-2-1		10/31/86	The Standard Oil Company
8500051	SX-5-14-1-2		10/31/86	The Standard Oil Company
8500069	HBA1		09/30/86	DeKalb-Pfizer Genetics
8500086	DJ7		02/28/86	Edward J. Funk & Sons, Inc.
8500123	1B014		04/30/86	DeKalb-Pfizer Genetics
8500125	78004		04/30/86	DeKalb-Pfizer Genetics
8500126	78010		04/30/86	DeKalb-Pfizer Genetics

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
CORN, FIELD				
8500127	MBNA		04/30/86	DeKalb-Pfizer Genetics
8500152	PHG83		02/28/86	Pioneer Hi-Bred International, Inc.
8600036	5707		08/31/86	Asgrow Seed Company
8600047	PHG29		09/30/86	Pioneer Hi-Bred International, Inc.
8600091	78002A		12/31/86	DeKalb-Pfizer Genetics
8600092	4676A		12/31/86	DeKalb-Pfizer Genetics
COTTON				
8400154	Deltapine 50		06/30/86	Delta and Pine Land Company
8500088	Dunn 325		02/28/86	Dunn Seed Farms, Inc.
8500089	Dunn 109		01/31/86	Dunn Seed Farms, Inc.
8500090	Dunn 1047		01/31/86	Dunn Seed Farms, Inc.
8500091	Dunn 1002		01/31/86	Dunn Seed Farms, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
COTTON				
8500110	Deltapine 20		06/30/86	Delta and Pine Land Company
8500162	Stoneville 112		02/28/86	Stoneville Pedigreed Seed Company, Inc.
8500213	Rogers 7590		05/30/86	Rogers Cottonseed Co.
8600031	BR-110	(3)	07/31/86	Ronald D. Thorp
8600073	Deltapine 77		08/31/86	Delta and Pine Land Company
8600085	Quapaw D		07/31/86	T. W. Rogers, Sr.
8600086	Lankart 511		11/28/86	Cargill Incorporated, Seed Division
8600087	Paymaster HS 26		09/30/86	Cargill Incorporated, Seed Division
FESCUE, CHEWINGS				
8400152	Wilma	(2)	02/28/86	W. Weibull AB, Sweden
FESCUE, HARD				
8500214	Spartan		02/28/86	Pickseed West, Inc.
8600070	Aurora		11/28/86	Pure-Seed Testing, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
FESCUE, MEADOW				
8400049	First		02/28/86	Snow Brand Seed Company
FESCUE, RED				
8600077	Flyer		11/28/86	Pure-Seed Testing, Inc.
FESCUE, TALL				
8500084	Astro		03/31/86	Pure-Seed Testing, Inc.
8500100	Bonanza		03/31/86	Pure-Seed Testing, Inc.
8500161	Chesapeake		03/31/86	O. M. Scott & Sons Company
8600039	Safe		03/31/86	Ag Tech, Inc.
GAZANIA SPLENDENS				
8400100	Mini-Star Tangerine		02/28/86	Ernst Benary, W. Ger.
LETTUCE				
8400001	Red Sails		09/30/86	Petoseed Co., Inc.
8400054	VAN SAL 210		08/31/86	Genecorp Technology
8400060	Genecorp Green		08/31/86	Genecorp Technology

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CERT. NO.	VARIETY	GEN. (*) DATE	OWNER
LETTUCE			
8500033	Shogun	11/28/86	Ferry-Morse Seed Company
8500034	Dynasty	11/28/86	Ferry-Morse Seed Company
8500060	Salad Bibb	12/31/86	Harris Moran Seed Company
8500102	Valley King	07/31/86	Bruce Church, Inc.
8600055	Chieftain	09/30/86	Genecorp Technology
8600110	Bix	11/28/86	Asgrow Seed Company
8600111	Classic	11/28/86	Asgrow Seed Company
MARIGOLD			
8500202	Janie Bright Yellow	07/31/86	Goldsmith Seeds, Inc.
8600026	Hero Red	09/30/86	John Bodger & Sons Co.
8600027	Orange Sophia	07/31/86	John Bodger & Sons Co.
MEADOWFOAM			
8500166	Mermaid	(2) 03/31/86	Oregon Agriculture Experiment Station

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
OAT				
8500021	Magnum	(*)	11/28/86	H. L. Umlauf
OKRA				
8600117	Prelude		10/31/86	Northrup King Co.
ONTON				
8500193	Contessa		06/30/86	Asgrow Seed Company
PEA				
8500013	Belinda	(3)	03/31/86	Cebeco-Handelsraad, Neth.
8500015	Othello	(3)	03/31/86	Cebeco-Handelsraad, Neth.
8500087	MF-502		03/31/86	L. D. Maffei Seed Co., Inc.
8500097	MC-201		03/31/86	L. D. Maffei Seed Co., Inc.
8500130	Goya		02/28/86	Asgrow Seed Company
8500131	Utrillo		02/28/86	Asgrow Seed Company
8500132	Saber		02/28/86	Asgrow Seed Company

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
PEA				
8500133	Leah		02/28/86	Asgrow Seed Company
8500134	Citadel		01/31/86	Asgrow Seed Company
8500163	Mendota		05/30/86	UF Genetics, Inc.
8500190	Ego		05/30/86	Gallatin Valley Seed Co.
8500191	Galasweet		05/30/86	Gallatin Valley Seed Co.
8500192	Bounty		06/30/86	Gallatin Valley Seed Co.
8600017	Polaris		07/31/86	UF Genetics, Inc.
8600054	Daybreak		11/28/86	Gallatin Valley Seed Co.
8600067	Nomad		11/28/86	Rogers Brothers Seed Company
8600100	Treat		12/31/86	Asgrow Seed Company
PEA, FLAT				
8400123	Tinga	(4)	07/31/86	Terramax Corporation, Canada

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
PEANUT				
8500201	NC 9	(3)	07/31/86	North Carolina Agricultural Research Service
8600030	AD-1	(3)	06/30/86	J. Ashley Darden
PEPPER				
8600028	Tambel-2	(*)	07/31/86	Texas Agricultural Experiment Station
8600059	Hidalgo	(*)	11/28/86	Texas Agricultural Experiment Station
PUMPKIN				
8500204	Dill's Atlantic Giant		05/30/86	Howard Dill Enterprises, Ltd.
8600093	Happy		11/28/86	Jennie Catherine Brush
RADISH				
8600048	Belle Glade		09/30/86	Harris Moran Seed Company
RAPE				
8500171	Bridger	(2)	12/31/86	University of Idaho
8500172	Cascade	(2)	12/31/86	University of Idaho

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
RICE				
8300123	RRI-7530	(3)	07/31/86	Rice Researchers, Inc.
RYEGRASS, ANNUAL				
8400124	Sakura-Wase		09/30/86	Snow Brand Seed Company
RYEGRASS, PERENNIAL				
8200044	Goalie		01/31/86	Northrup King Co.
8600071	Jazz		09/30/86	Pure-Seed Testing, Inc.
8600078	Trimmer		09/30/86	D.J. van der Have B.V.
SAFFLOWER				
8500065	Oker	(*)	02/28/86	Montana Agricultural Experiment Station
SOYBEAN				
8400035	Riverside 303C		01/31/86	Lynnville Seed Co.
8400080	J-8287		03/31/86	Jacques Seed Company
8400120	S23-03		11/28/86	Northrup King Co.
8400150	A4271		03/31/86	Asgrow Seed Company

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN				
8500022	KG30		02/28/86	King Grain U.S.A., Inc.
8500023	KG20		02/28/86	King Grain U.S.A., Inc.
8500024	KG70		02/28/86	King Grain U.S.A., Inc.
8500116	B335		09/30/86	Northrup King Co.
8500119	S42-30		10/31/86	Northrup King Co.
8500140	L1771		01/31/86	Land O' Lakes, Inc.
8500141	L2330		01/31/86	Land O' Lakes, Inc.
8500142	9531		07/31/86	Pioneer Hi-Bred International, Inc.
8500143	9591		02/28/86	Pioneer Hi-Bred International, Inc.
8500144	9061		02/28/86	Pioneer Hi-Bred International, Inc.
8500145	9691		02/28/86	Pioneer Hi-Bred International, Inc.
8500146	9791		02/28/86	Pioneer Hi-Bred International, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN				
8500156	A1525		03/31/86	Asgrow Seed Company
8500157	A1214		04/30/86	Asgrow Seed Company
8500158	A1895		05/30/86	Asgrow Seed Company
8500159	A3427		05/30/86	Asgrow Seed Company
8500160	A3803		05/30/86	Asgrow Seed Company
8500175	KG60		05/30/86	King Grain U.S.A., Inc.
8500179	Hack	(3)	05/30/86	Illinois Agricultural Experiment Station
8600001	Terra-Vig 553	(3)	06/30/86	Terral-Norris Seed Co., Inc.
8600005	Terra-Vig 616	(3)	06/30/86	Terral-Norris Seed Co., Inc.
8600006	Terra-Vig 717	(3)	06/30/86	Terral-Norris Seed Co., Inc.
8600008	Sanalona		06/30/86	Prairie Seed Company, Inc.
8600014	Hartz 6130		06/30/86	Jacob Hartz Seed Company, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN				
8600015	Hartz 8112		06/30/86	Jacob Hartz Seed Company, Inc.
8600018	A5149		07/31/86	Asgrow Seed Company
8600019	A4595		07/31/86	Asgrow Seed Company
8600023	Deltapine 566		08/31/86	Delta and Pine Land Company
8600033	Terra-Vig 808	(3)	08/31/86	Terral-Norris Seed Co., Inc.
8600043	Hartz 9190	(3)	09/30/86	Jacob Hartz Seed Company, Inc.
8600044	Hartz 6383R		09/30/86	Jacob Hartz Seed Company, Inc.
8600046	Regal	(3)	10/31/86	Purdue University Agricultural Exp. Sta. and USDA-ARS
8600056	AP 2190		10/31/86	Nickerson American Plant Breeders, Inc.
8600057	AP 3023		10/31/86	Nickerson American Plant Breeders, Inc.
8600058	AP 4321		10/31/86	Nickerson American Plant Breeders, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
SOYBEAN				
8600062	Starr		11/28/86	Helena Chemical Company
8600068	Sampson		11/28/86	Helena Chemical Company
8600079	Hawkon		11/28/86	Identity Seed & Grain Company
8600101	A0949		12/31/86	Asgrow Seed Company
8600107	A7986		12/31/86	Asgrow Seed Company
TOBACCO				
8500025	Speight-G-80	(3)	04/30/86	Speight Seed Farms, Inc.
8500040	Coker 206	(3)	04/30/86	Coker's Pedigreed Seed Co.
TOMATO				
8400146	DNAP-9		06/30/86	DNA Plant Technology Corporation
8500030	Tioga		03/31/86	Campbell Soup Company Campbell Institute for Research and Technology

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
TOMATO				
8500031	CX 8106		05/30/86	Campbell Soup Company Campbell Institute for Research and Technology
8500055	Horizon	(*)	07/31/86	Florida Agricultural Experiment Station
WATERMELON				
8300101	Big Crimson		07/31/86	Coffey Seed Company
8400055	Long Crimson		07/31/86	Coffey Seed Company
8500077	Charleston Elite		06/30/86	Northrup King Co.
8500103	Charlee		10/31/86	Florida Agricultural Experiment Station
8500148	Yellow Crimson		05/30/86	Coffey Seed Co.
8600061	Sunsweet		06/30/86	Northrup King Co.
WHEAT, COMMON				
8300030	Scotty	(3)	01/31/86	Illinois Agricultural Experiment Station and ARS-USDA

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
WHEAT, COMMON				
8300042	Jesse	(3)	02/28/86	Nickerson American Plant Breeders, Inc.
8300064	Feland	(3)	03/31/86	Southern States Cooperative, Inc.
8300068	715		01/31/86	Rohm and Haas Seeds, Inc.
8300161	HR 64	(3)	02/28/86	Nickerson American Plant Breeders, Inc.
8300162	HR 53	(3)	03/31/86	Nickerson American Plant Breeders, Inc.
8400014	Buckshot	(3)	01/31/86	Nickerson American Plant Breeders, Inc.
8400023	WestBred Challenger	(*)	12/31/86	Western Plant Breeders, Inc.
8400024	Apex 83	(*)	12/31/86	Western Plant Breeders Inc.
8400026	2165		01/31/86	Pioneer Hi-Bred International, Inc.
8400027	2157		01/31/86	Pioneer Hi-Bred International, Inc.
8400043	2172		01/31/86	Pioneer Hi-Bred International, Inc.

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CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	OWNER
WHEAT, COMMON				
8400058	Coker 983	(3)	12/31/86	CR Seeds
8400086	Centura	(3)	12/31/86	The University of Nebraska and ARS-USDA
8400087	Colt	(3)	12/31/86	The University of Nebraska and ARS-USDA
8500001	Guard	(3)	05/30/86	South Dakota Agricultural Experiment Station
ZINNIA				
8600040	Red Lollipop		08/31/86	W. Atlee Burpee Company

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED OR INELIGIBLE
JANUARY 1, 1986 TO DECEMBER 31, 1986

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL. NO.	VARIETY
ALFALFA	8100065	Duke
	8100068	Mercury
	8100079	Armor
	8500185	Hassawi 85
	8600066	5929
BARLEY	8300153	Acc'laim
BEAN, GARDEN	8400098	Early Riser
BROMEGRASS	7800106	Rebound
CORN, FIELD	8500044	SX-5-18
	8500124	IBI6
LETTUCE	8500004	<GCT 207>
RAPE	8600022	Mikado
SOYBEAN	8500206	DSR-151

< > Identifies temporary designations.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED OR INELIGIBLE
JANUARY 1, 1986 TO DECEMBER 31, 1986

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KIND	APPL.NO.	VARIETY
SOYBEAN	8600013	Oak
	8600024	S331
TOMATO	8300044	Castleroyal
	8300120	Apex 2000
WHEAT, COMMON	8300173	Centa

< > Identifies temporary designations.

CERTIFICATES VOLUNTARILY ABANDONED
JANUARY 1, 1986 TO DECEMBER 31, 1986

In compliance with Section 180.104(d) of the Plant Variety Protection Act, certificates of plant variety protection for the varieties listed below are voluntarily abandoned at the request of the owner. Propagation of these varieties is no longer prohibited by the Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>DATE ABANDONED</u>
RYEGRASS, PERENNIAL	7100045	Game	07/22/86
SOYBEAN	8300145	Ruby	03/07/86
	8400070	HT4203	03/25/86

**UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
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